



Fax: 1-213-623-2211

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## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** Mail Stop **ISSUE FEE**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, Virginia 22313-1450**  
or **Fax** (571)-273-2885

**INSTRUCTIONS:** This form should be used for transmitting the **ISSUE FEE** and **PUBLICATION FEE** (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

7590

06/06/2006

**JONATHAN Y. KANG, ESQ.**  
**LEE, HONG, DEGERMAN, KANG & SCHMADEKA**  
12 14th Floor  
801 S. Figueroa St.  
Los Angeles, CA 90017

**Note:** A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmittal.

**Certificate of Mailing or Transmittal**  
I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop **ISSUE FEE** address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

Richard C. Salfelder

(Depositor's name)

(Signature)

September 6, 2007

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/672,450	09/26/2003	Hee Il Wang	2080-3-183	8445

TITLE OF INVENTION: METHOD FOR COMPENSATING ROTATIONAL POSITION ERROR OF ROBOT CLEANER

APPL. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	09/03/2006

EXAMINER	ART UNIT	CLASS-SUBCLASS
MARC, MCDIRUNEL	3661	700-258000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☒ Change of correspondence address (or Change of Correspondence Address form PTO/SB/123) attached.  
☐ "Fee Address" indication (or "Fee Address" indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

Lee, Hong, Degerman, Kang &amp; Schmadeka

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3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

**PLEASE NOTE:** Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

LG Electronics Inc.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Seoul, Republic of Korea

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee  
☒ Publication Fee (No small entity discount permitted)  
☒ Advance Order - # of Copies 6

4b. Payment of Fee(s):

- ☐ A check in the amount of the fee(s) is enclosed.  
☐ Payment by credit card, Form PTO-2038 is attached.  
☒ The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 502290 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims **SMALL ENTITY** status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming **SMALL ENTITY** status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. **NOTE:** The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered attorney or agent, or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Date September 6, 2006Typed or printed name Richard C. SalfelderRegistration No. 51,127

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.**

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THE LAW FIRM OF  
**LEE, HONG, DEGERMAN, KANG & SCHMADEKA**  
A PROFESSIONAL CORPORATION

801 SOUTH FIGUEROA STREET  
TWELFTH FLOOR  
LOS ANGELES, CALIFORNIA 90017  
TELEPHONE: (213) 623-2221  
FACSIMILE: (213) 623-2211/6801

**FACSIMILE TRANSMISSION**

**TO:** PTCS Service  
Fax: (571) 273-3250; Tel: (703) 308-9250

**FROM:** Linda Chung

**RE:** In re application of: Hee Il Wang  
Serial No: 10/672,450  
Filed: September 26, 2003  
Conf. No.: 8445  
For: METHOD FOR COMPENSATING ROTATIONAL POSITION ERROR OF  
ROBOT CLEANER  
Attorney Docket No.: 2080-3-183

**DATE:** December 22, 2006

**TOTAL PAGES:** 5 (including this page)

Dear Sir/Madam:

Attached please find the Issue Fee Transmittal Letter and Part B – Fee(s) Transmittal (Form PTOL-85) requesting 6 copies of the patent.

Please charge the fee (\$18) to our Deposit Account No. 502290.

Should you have any questions, please do not hesitate to let us know. Thank you.

**CONFIDENTIALITY NOTE:** The information contained in this FAX transmission is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential or exempt from disclosure under applicable Federal or State Law. If the reader of this transmission is not the intended recipient or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this transmission is strictly prohibited. If you receive this transmission in error, please notify us immediately by telephone at (213) 623-2221. Thank you.



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Customer No. 035884

PATENT  
Attorney Docket No. 2080-3-183

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Hee Il Wang

Serial No: 10/672,450

Filed: September 26, 2003

For: METHOD FOR COMPENSATING ROTATIONAL  
POSITION ERROR OF ROBOT CLEANER

Art Unit: 3661

Examiner: Marc, McDleune

Confirmation No.: 8445

**TRANSMITTAL OF ISSUE FEE**

Mail Stop ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Notice of Allowance dated June 8, 2006, enclosed are the following:

- ☒ Form Part B - Issue Fee Transmittal.
- ☒ Request for Advance Order for 8 patent copies (at \$3 per copy).
- ☒ PTO Form SB/122 Change of Address is enclosed.
- ☒ Inventor(s) or Assignee(s) is entitled to **LARGE** entity.
- ☐ Certified copy of      Patent Application No.      filed      from which priority is claimed under 35 U.S.C. § 119. Acknowledgment of the priority document is respectfully requested to ensure that the subject information appears on the printed patent.
- ☐ Copy of the Assignment and recordation cover letter sent today to the Assignment Division.
- ☐ A Rule 312(a) Amendment is being filed concurrently herewith.
- ☐ Formal Drawings are being filed concurrently with the Official Draftsman.

- ☒ The Commissioner is hereby authorized to charge any deficiency in payment or credit any overpayment to Deposit Account No. 502290 including:
- ☒ The Issue Fee in the amount of \$ 1,700.
- ☒ The Advance Order for 6 patent copies in the amount of \$ 18 (\$3 per copy).

Respectfully submitted,

LEE, HONG, DEGERMAN, KANG & SCHMADEKA

Date: September 6, 2006

By: 

Richard C. Salfelder  
Registration No. 51,127  
Attorney for Applicant